

AMENDMENT UNDER 37 CFR § 1.111
Serial No. 10/736,756

AMENDMENTS TO THE CLAIMS

This listing of the claims replaces all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

Claims 1-10 [Previously Cancelled]

11. [Currently Amended] A device for automated coupling, optimization and fixation of a waveguide to a light emitting source, comprising:
- a fiber alignment system ~~with precise V-grooves and control feedback for aligning an end of the waveguide with the light emitting source;~~
 - a high power external light source ~~for fixing curing a curable material disposed between the end of the waveguide and the light emitting source;~~
 - a light injection and reflection system ~~for injecting light from the high power external light source into the waveguide to propagate toward the light emitting source, and for directing a counter-propagating light from the light emitting source to a detector; and~~
 - an alignment system controller ~~responsive to the detector for controlling the fiber alignment system to adjust the alignment between the end of the waveguide and the light emitting source so as to optimize a coupling efficiency between the light emitting source and the waveguide.~~

12. [Previously Cancelled]